

SUPPORT OF FIXED-BLOCK STORAGE DEVICES OVER ESCON LINKS**ABSTRACT**

A method for copying data over a network operating in accordance with a protocol, such as the ESCON protocol, that supports a given logical address range includes establishing a logical path over the network from a primary storage system to a secondary storage system using path logical addresses within the given logical address range. A virtual path is created over the logical path to carry the data from a source storage device in a first logical subsystem of the primary storage system to a target storage device in a second logical subsystem of the secondary storage system, wherein the first and second logical subsystems have respective first and second subsystem logical addresses which are outside the given logical address range. The virtual path is used in a peer-to-peer remote copy (PPRC) operation to copy the data from the source storage device to the target storage device.